

Kaiqin Chu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6356654/publications.pdf>

Version: 2024-02-01

15
papers

240
citations

1163117

8
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

259
citing authors

#	ARTICLE	IF	CITATIONS
1	Image reconstruction for structured-illumination microscopy with low signal level. Optics Express, 2014, 22, 8687.	3.4	65
2	Structured illumination microscopy with interleaved reconstruction (SIMILR). Journal of Biophotonics, 2018, 11, e201700090.	2.3	25
3	Droplet digital PCR enabled by microfluidic impact printing for absolute gene quantification. Talanta, 2020, 211, 120680.	5.5	25
4	Combined Morpho-Chemical Profiling of Individual Extracellular Vesicles and Functional Nanoparticles without Labels. Analytical Chemistry, 2020, 92, 5585-5594.	6.5	25
5	Recent advances in structured illumination microscopy. JPhys Photonics, 2021, 3, 024009.	4.6	25
6	Quantitative phase microscopy with enhanced contrast and improved resolution through ultra-oblique illumination (UO-QPM). Journal of Biophotonics, 2019, 12, e201900011.	2.3	23
7	Organelle-specific phase contrast microscopy enables gentle monitoring and analysis of mitochondrial network dynamics. Biomedical Optics Express, 2021, 12, 4363.	2.9	18
8	Label-free imaging of intracellular organelle dynamics using flat-fielding quantitative phase contrast microscopy (FF-QPCM). Optics Express, 2022, 30, 9505.	3.4	13
9	Super-resolved spatial light interference microscopy. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2012, 29, 344.	1.5	5
10	A sample-preparation-free, automated, sample-to-answer system for cell counting in human body fluids. Analytical and Bioanalytical Chemistry, 2021, 413, 5025-5035.	3.7	5
11	Epi-illumination dark-field microscopy enables direct visualization of unlabeled small organisms with high spatial and temporal resolution. Journal of Biophotonics, 2022, 15, e202100185.	2.3	5
12	Nanometer precise red blood cell sizing using a cost-effective quantitative dark field imaging system. Biomedical Optics Express, 2020, 11, 5950.	2.9	3
13	Simultaneous recovery of both bright and dim structures from noisy fluorescence microscopy images using a modified TV constraint. Journal of Microscopy, 2019, 275, 24-35.	1.8	2
14	Simultaneous 3D deconvolution and halo removal for spatial light interference microscopy through a two-edge apodized Wiener filter. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2022, 39, 287.	1.5	1
15	Asymmetrical Illumination Enables Lipid Droplets Segmentation in Caenorhabditis elegans Using Epi-Illumination Dark Field Microscopy. Frontiers in Physics, 0, 10, .	2.1	0